

Application No. 10/671,472

Amended Claims as per discussion with Examiner Gartenberg

Claims 1-10 (Canceled).

Claim 11 A gas turbine comprising:

a side wall having a plurality of oscillation damping orifices there through and upstream and downstream ends, the side wall for defining a combustion volume the side wall having upstream and downstream ends;

a pilot nozzle[[,]] disposed adjacent the upstream end of the side wall[[,]] and configured to discharge ~~for discharging~~ a pilot fuel to form a diffusion flame in the combustion volume;

a plurality of main nozzles[[,]] provided around the pilot nozzle ~~nozzles~~[[,]] and configured to discharge ~~for discharging~~ a fuel-air mixture to form premixed flames in the combustion volume; and

an acoustic liner attached to an outer surface of the side wall in a region where the oscillation damping orifices are located, the acoustic liner comprising a plurality of circumferentially distinct liner segments attached to the outer surface of the side wall, wherein the side wall including a plurality of oscillation damping orifices which are located defined in a region directly adjacent and downstream of the main nozzles and extend radially through the side wall.

Claims 12 and 13 (Canceled)

EG
8/27/04
Claim 14 (Currently Amended) A gas turbine combustor[[,]] according to claim 13, wherein the liner segments include bellows portions for reducing the thermal stress due to the a temperature difference between the side wall of the gas turbine combustor and the respective liner segments.

Claim 15 (Currently Amended) A gas turbine combustor[[,]] according to claim 14, further comprising:

catches attached to the outer surface of the side wall; and

Application No. 10/671,472

Amended Claims as per discussion with Examiner Gartenberg

~~the liner segments including engagement portions in the liner segments for~~
engaging the catches, ~~whereby wherein~~ the engagement of the engaging portions with
the catches allows the liner segments to be attached to the outer surface of the side
wall.

Claim 16 (Currently Amended) A gas turbine combustor[[,]] according to
claim 15, further comprising:

sealing members provided between the engaging portions and the catches or
the side wall.

Claim 17 (Currently Amended) A gas turbine combustor[[,]] according to
claim 11, wherein the side wall includes a plurality of steam passages for allowing
cooling steam to flow therethrough[[:]] and the oscillation damping orifices ~~being are~~
disposed in lines between the steam passages.

Claim 18 (Currently Amended) A gas turbine combustor[[,]] according to
claim 17, wherein the acoustic liner includes a peripheral wall facing the side wall of
the combustor and a plurality of air cooling orifices defined in the peripheral wall
disposed in lines aligned over the lines of the oscillation damping orifices.

Claim 19 (Currently Amended) A gas turbine combustor[[,]] according to
claim 18, wherein the air cooling orifices are disposed to face ~~the wall~~ portions
between ~~the adjoining~~ oscillation damping orifices.

I:\ATTY\MQM\24'8\241653US\AMENDED CLAIMS FOR EX FAX.DOC